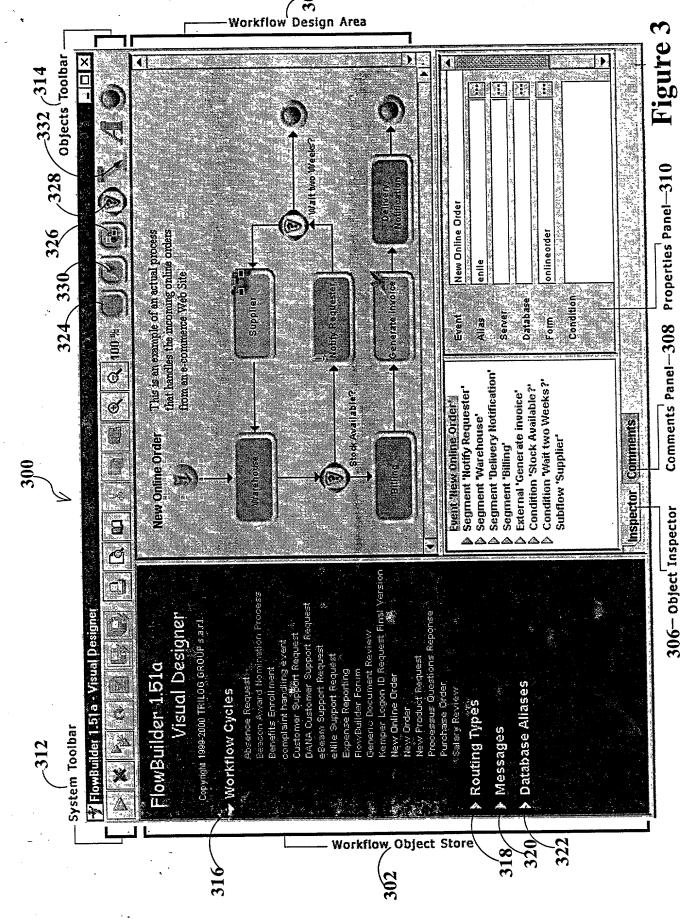
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	FlowBuilder Planner 1.6 User Registration Queue	
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	Cluster Analysis	
	Database Analysis	
	Database Library	
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	Show advanced templates Inherit future des	ion changes

Figure 1

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Figure 2



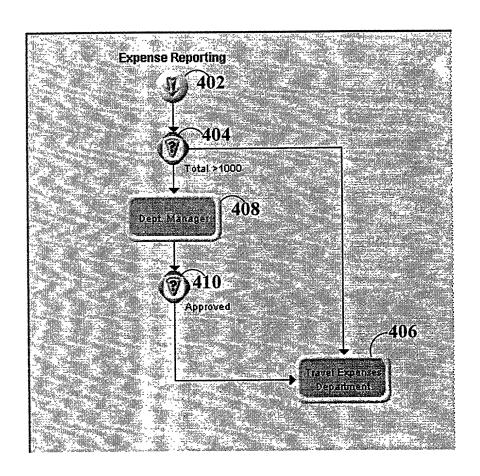


Figure 4

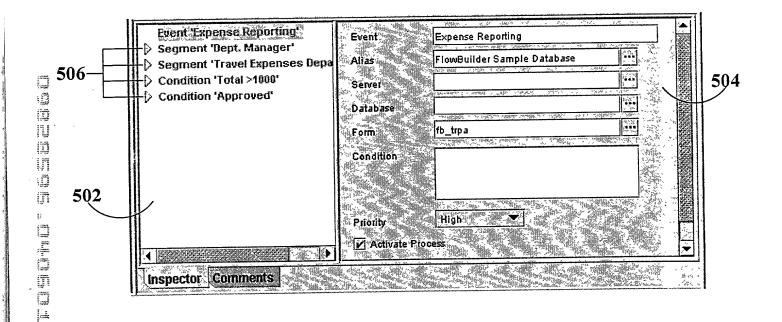


Figure 5

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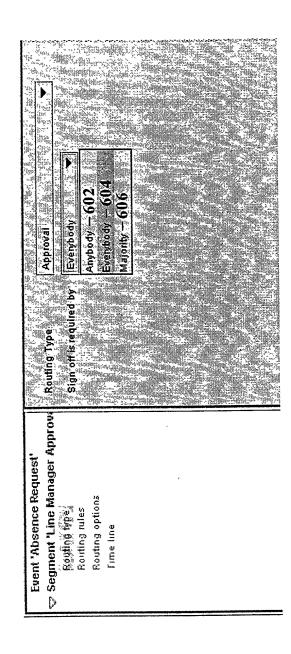


Figure 6a

Event 'Cycle'  Segment 'Segment1'  Routing type  Routing rules  Routing options  Deadline date  Ceadline handler	Routing Type  Sign off is required by Approval  Combined Approval/Edit  For information  Review  Simple Review
Inspector Comments	

Figure 6b

	702	
Event 'Expense Reporting' Segment 'Dopt. Manager' Routing type Routing options Deadline date Deadline handle. Segment 'Travel Expenses Department' Condition 'Total >1000' Previous result Formula On requester Condition 'Approved'	Routing Rules  Always send to: Department Manager  Branching Label Formula  Simple Roles  Composed Roles  Static Users  Add Change Delete Clear	704

Figure 7a

1 F MBH 118 H 11 1

	702	
Event 'Expense Reporting' Segment 'Dept. Manager' Routing type Routing rules Routing options Dradline date	Routing Rules Always send to: Department Manager  Branching Label	704
Deadline handler Segment 'Travel Expenses Departm Condition 'Total >1000' Condition 'Approved'	Formula Simple Roles Department Manager	,
	Static Uses:	
Inspector Comments	New Duplicate Delete  706 708 710	

Figure 7b

01 111

	802	804
Event 'Expense Reporting' Segment 'Dept. Manager' Routing type Routing rules Pouting options Deadline date Deadline handler Segment 'Travel Expenses Condition 'Total >1000' Condition 'Approved'	✓ Yiew History  Notify Subsequent Routing to Request Notify Action Result to Requester  Switch to Other Form for Display  Authorize Reassignment  Authorize Delegation  Yew Other Actors	
4. Sec. 18 - 18 - 18 - 18 - 18 - 18 - 18 - 18	1	<b>★</b>

Figure 8

Event 'Cycle'	Segment ID External1	Sant 5 29 28 500 - 200 1 842
> External 'External1'	- 1100000° - 1 000000 000 000 <u>- 110 0</u>	
External handler	Label	>
	Comment	<u> </u>
	Comment	
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	Link to URL	Preview
	4	N Company

Figure 9

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	1	002
Event 'Cycle'  External 'External'  External handler  External Comments	Yield for external processing in Alias Server Database Agent	

Figure 10

top Allian Paller

Event 'Expense Reporting'	Set Deadline 1108
Segment 'Dept. Manager'	Table 1100
Routing type	Harm to the state of the state
Routing rules	Deadline Type Handling Margin ▼
Routing options	1102 Handling Margin
Deadline date	
Deadline handler	
Segment 'Travel Expenses'	Time Unit Days
Condition 'Total >1000'	Handling Margin 0
Condition 'Approved'	
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Inspector Comments	

Figure 11

			_1202
Event 'Expense Reporting  Segment 'Dept. Manager'	Howshould FlowBuilderhan	dle this d	leadline Send Reminder 🔻
Routing type Routing rules	Time unit	Days	
Routing options Deadline date	Start sending reminders	2	before deadline
Deadkne bandler	Stop sending reminders	0	after deadline
Segment 'Travel Expense	Repeat interval	1	
Condition 'Total >1000' Condition 'Approved'	Repeat number	1	
Theory Medical Television (1975) And Televis	Who should FlowBuilder not Notify Requester Notify People —12	1204	
87-948 - 1/2 - 1/2	What should FlowBuilder do	if remind	der is ignored Abort Cycle 🔻
	Who should FlowBuilder not	ify if remi	inder is ignored
	Notify Requester		
100 TO 10	Notify People		
4 (2.2.2.2.1) East 1	3		
Inspector Comments			

Figure 12

Event 'Expense Reporting'  Segment 'Dept. Manager'  Segment 'Travel Expenses Dept  Condition 'Total >1000'  Condition 'Approved'  Previous result  Formula  On requester	Previous result condition All Succeed  Specified Segments Must Succeed  Specified Segments Can Fail
( Section 1997)	

Figure 13

Event 'Expense Reporting' > Segment 'Dept. Manager'	Document Formula
<ul> <li>Segment 'Travel Expenses Dep</li> <li>Condition 'Total &gt;1000'</li> </ul>	
♥ Condition 'Approved'  Previous result	
Formula On requester	
Inspector Comments	Commission of the Commission o

Figure 14

	_1502		
/	/		
ועל. ועל	Set Requester Filter		
_1			Include subtree
Ŷ	Requester is assigned the following roles $-1504$		īл.
	1500		
	Requester is not assigned the following roles $-1506$	1.53	M
	The special design of the special state of the spec		
	Requester belongs to the following organizations $=1508$	17	_
	Requester does not belong to the following organizations1510	التتا	Ø
	Requester does not belong to the following organizations —1510	100	Ø

Figure 15

Composed Role	Evaluation Résult	Remarks
{"Philip Collins/TRILOG"}	Philip Collins/TRILOG	This is equivalent to choosing a static user from your Name and Address Book.
Line Manager ({"Philip	Line Manager of Philip	The Notes formula is
Collins/TRILOG":"Mary	Collins/TRILOG Line Manager of Mary	evaluated to a user list then the simple role is
Davis/TRILOG"})	Davis/TRILOG	applied to each user independently.
{@UserName}	The workflow requester	Do not use @UserName in a formula, as the user who launched the FlowBuilder Router is returned.
Secretary({@Subset(\$Updat	The secretary of the user who last	Only valid if the Form is
edBy;-1)})	updated the document	not marked anonymous.
Line Manager ({FB Requester})	The Line Manager of the Requester	This syntax is equivalent to Line Manager.
[Project]  Secretary (Accounts	The Project field in the document is interpreted as a role. Usually, users will use a dropdown list with the existing projects and have them available as roles in the Planner. If the user selects Project A for instance, MORSE will evaluate the role Project A to determine the recipients.  The secretary of Accounts Payable	Square brackets can be used in the same way braces are used. MORSE would simply interpret the result of the formula as roles that yet need to be evaluated to recipients.  Roles at any level may be
Payable({FB_ActionUser})	of all users who were acting on the document in the previous workflow segment.	composed.

Figure 16

Event 'Cycle'  External 'External1'  Subflow 'Subflow's'	Subflow D Subflow1
SSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSS	Target Cycle 1704
	Comment
	Link to: URL Preview

Figure 17

	1802	
Routing	ype 🎾	n 1940: 18 1940: 18 1940: 18 1940: 1
Routing Type	Combined Approval/Edit	
Notification Message	Default Approval Notification	<b>T</b>
Routing Category	Activity required	$\overline{\mathbf{T}}$
Activity Label		
Activity Description	You are required to Approve or Deny this request.  You are allowed to update the following information if needed.	
Document Access	Editor	
Activity Status Labels Pending Status	Pending	
Success Status	Approved	
Failure Status (optional	) Denied	
Activity Result Notificat	on	
Success Message	Successful Approval Message	¥
⊆ Failure Message	Denial Message	

Figure 18a

		1804
Routing	Tyne 30	
The state of the s		
Routing Type  Notification Message	Simple Review  Default Review Notification	
Routing Category	Purely informational	

Figure 18b

	1806	
	The state of the s	
Routing T	ype D	
	And the second s	
Routing Type	Approval	
Notification Message	Default Approval Notification	$\mathbf{I}^{-1}$
Routing Category	Activity required	<del>-</del>
Activity Label	A Part of the Control	_ 
	The second section of the second section of the second section of the second section of the second section sec	‡
Activity Description	You are required to Approve or Reject the above request	
Document Access	Read only	<del>-</del>
Dogument Moders		그
Activity Status Labels		_
Pending Status	Pending	
Success Status	Approved	
Failure Status (optional)	Rejected	T
	Taban dan Wangan Markit and An	
Activity Result Notificatio	n -	
Success Message	Successful Approval Message	<u> </u>
Failure Message	Denial Message	Ī

Figure 18c

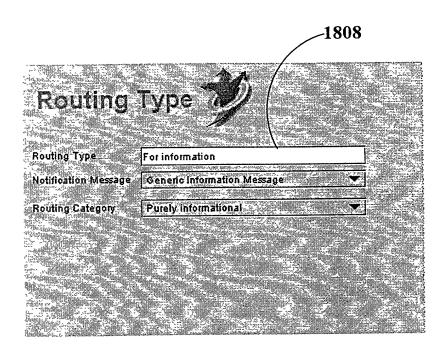


Figure 18d

	1810	
Routing T		
Routing Type	Review	
Notification Message	Default Review Notification	
Routing Category	Activity required	7
Vanish carefold	Activity required	1
Activity Label		
Activity Description	Please acknowledge that you reviewed this document	
Document Access  Activity Status Labels	Editor and the second s	
Pending Status	Deadie	7
Lettring Status	Pending	
Success Status	Reviewed OK	
		Time i
Failure Status (optional)	Back for changes	
Activity Result Notificatio	Militaria National design	_
Success Message	Successful Review Message	<u> </u>
Failure Message	Denial Review Message	

Figure 18e

. . . . . . - -

### Figure 19a

## Notification Message 🔭

essage Id

Default Approval Notification

essage description

This is the default message associated with all approval actions unless overriden in a workflow segment route

description

(FB\_Event) from (@Name(ICN);FB\_Requester)): Approval Required

Ę,

Please approve the following document requested by

@Name([Abbreviate];FB\_Requester)];

utions

|| Append URL

V Keep URL Param

Append DocLin

wilding context sensitive message

(ample:

FB\_Eventi:Approval Require

equest submitted by (@Name([CN];FB\_Requester)) on (@Date(FB\_Request Time))

## Figure 19b

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Default Review Notification

This is the default message associated with all review ictions unless overriden in a workflow segment route escription

[FB\_Event]: Review requested by {@Name([CN];FB\_Requestet)}

Please review the following document requested by

[@Name([Abbreviate];FB\_Requester)}:

# Figure 19c

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ion Wessage 🧷	Denial Message Denial Message	FB_Eventj: Your request has been denied.	The request you have submitted has been denied:	Z Append URL Z Keep URL Parameters
otification	sage description Denial	jed (FB_E)	y The re	2 2 Z

In both Subject and Body, you can include the text of any Notes Formula acting on the routed document between braces The FlowBuilder Router will evaluate all formulas at run time. The following example uses FlowBuilder technical fleids from the W

Example:

## Figure 19d

					Building context sensitive messages.  In both Subject and Body, you can include the text of any Notes Formula acting on the routed document between braces.  The FlowBuilder Router will evaluate all fomulas at run time. The following example uses FlowBuilder technical fields from the Westample.
Notification Message 🔌	Denial Review Message On Denial Review Message	FB_Event): Reviewer denied.	Reviewer had several remains on the document submitted on {@Text(FB_RequestTime}}. See comments:	☑ Append URL   ☑ Keep URL Parameters   ☑ Append DocUnk	sensitive messages: nd Body, you can include the text of any Notes Fol Router Will evaluate all fomulas at run time. The f
Notifica	Message Id Message desonpti	pajqng	Body	Options	Building context In both Subjects The FlowBuilder Example:

Request submitted by (@Name([CN];FB\_Requeste/); on (@Date(FB\_RequestTime))

(FB\_Event:Approval Required

i in their contrador nath an an imperior fraightiff

## Figure 19e

## Notification Message N

Generic Information Message

Generic Notification (purely informational)

Notification about {FB\_Event}: Document submitted by [@Name([CN];FB\_Requester)].

Document submitted by {@Name(ICN];FB\_Requester)} on @Text(FB\_RequestTime)}.

| Kapend URL | Keep URL Parameters | Kapend Doctunk

Example:

Figure 19  Casage Free Free Free Free Free Free Free Fr			The second of th	the routed document between blaces. e uses FlowBuilder technical ifields from	
Notification Message Id  Message description  Simple Review C	Figure 19f	Simple Review Completion  Simple Review Completion Message	[FB_Event]: Reviewer has reviewed the document.	Building cortext sensitive messages In both Subject and Body, you can include the text of any Notes Formula acting on the routed document between braces. The FlowBuilder Router will evaluate all formulas at run time. The following example uses FlowBuilder technical fields from Example:  [Example: [FB_Eventy:Approval Required Requestsubmitted by (@Name(ICN]:FB_Requester)] on (@Pate(EB_RequestTime))	

## Figure 19g

					the routed document between blaces. Is uses FlowBuilder technical fields from the Workflow Su	
Notification Message 🎷	Stames Special	This the special message for you	You do not need to worry about this but it will cost you a lot of money	Append URL  Keep URL Parameters  Append Docurk	stricting confex sensitive messages. Tooks Subject and Body, you can include the text of any Notes Formula acting on the fouted document between branes. The FromBuilder Router will evaluate all formulas at run time. The following example uses FlowBuilder technical fields from the World ow Su	Example. (FB_Event):Approval Required Request submitted by (@Name(ICN):FB_Requester)] on (@Date(FB_RequestTime))
Notificati	Message Id.	Subject	, po , po , po , po , po , po , po , po	Options	in both Subject and Body, you can include the FlowBuilder Router will evaluate a	Example: (FB_EventyApproval Required Request submitted by (@Name)

# Figure 19h

					ted document between braces
Notification Message 🤣	Successful Approval Message  1) Successful Approval Message	{FB_Event}: Your request has been approved.	The request you submitted on {@Text(FB_RequestTime,}) has been approved.	Z Append URL	Boliding context sensitive messages: In both Subject and Body, you can include the text of any Notes Formula acting on the routed o
Notified September 1	Message Id Message description	Supplies to the state of the st		Options	Boilding context se In both Subject and

910 627

(FB Event):Approval Requ

?equest submitted by (@Name([CN];FB\_Requester)) on (@Date(FB\_Request Time,

### Figure 19i

						on the routed dooument between braces. mple uses flowBuilder technical fields from the W	***************************************
Notification Message 🎾	Successful Review Message	Successful Review Message	[FB_Event]: Review completed successfully.	The document you submitted on (@Text(FB_RequestTime)} has been reviewed and approved.	Append URL     Keep URL Parameters     Append Doollink     twe messages:	n both Subject and Body, you can include the text of any Notes Formula acting on the routed document between braces. The FlowBuilder Routerwill evaluate all formulas at run time. The following example uses FlowBuilder technical fields from the Wold	example: {FB_Event}:Approval Required Request submitted by {@Name(ICN);FB_Requester)} on {@Date(FB_RequestTime)}
Notificatik	Message id	Message description. S	Subject	It Apod V	Dpions      Append URL P     Append URL P       Append URL P	in both Subject and Bod The FlowBuilder Router	Example:  [FB_Eventi-Approval Required Reguest submitted by (@Name)

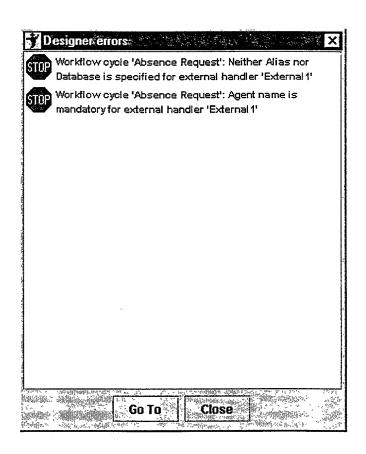


Figure 20

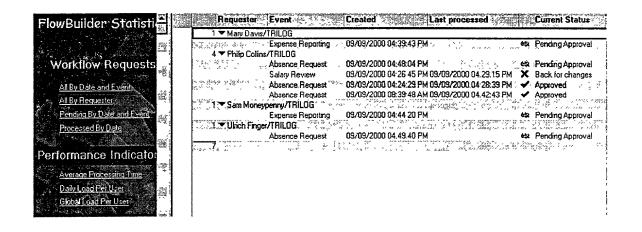


Figure 21



-> Line Manager Approval

### Workflow History

### Actual Document 🖺

9/9/00 4:48:18 PM New Event 'Absence Request' detected: Workflow Cycle initiated on form 'Absence Request'.

9/9/00 4:48:18 PM Requester = Philip Collins/TRILOG 9/9/00 4:48:18 PM Absence Request: Executing Workflow Segment 9/9/00 4:48:18 PM Notification sent to the following recipients: Mary Davis/TRILOG - Role: Line Manager

9/9/00 4:48:18 PM Number of people required for success = 1
9/9/00 4:48:18 PM User(s):

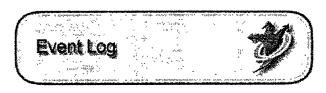
Mary Davis/TRILOG

Notified about : Absence Request from Philip Collins: Approval Required

Figure 22

		Reassign Task	OK
Server: Database: Process:	Training/TRILOG flowbuilder/flosemple.nsf Absence Request		
		FII.	
Current Activity P Mary Davis/TRILO		Reassign To	

Figure 23



### Workflow History Actual Document 🖺 📸

9/9/00 4:48:18 PM New Event 'Absence Request' detected: Workflow Cycle initiated on form 'Absence Request'.

9/9/00 4:48:18 PM Requester = Philip Collins/TRILOG

-> Line Manager Approval

9/9/00 4:48:18 PM Absence Request: Executing Workflow Segment 9/9/00 4:48:18 PM Notification sent to the following recipients:

Mary Davis/TRILOG - Role : Line Manager

Figure 24

Address  http://localhost/fbmanager.html	∑ ∂Go   Links
FlowBuilder Servlet Manager	FlowBuilder Router Information  Service Database High Normal Low Deadline Priority Priority Priority Manager  ### flowbuilder/fbadmin.nsf 15 60 300 600
Enter Password Change Password Confirm  flowbuilder\fbadmin.nsf	Priority Priority Parager flowbuilder\fbadmin.nsf 15 60 300 600
Set High Priority 15  Set Normal Priority 60  Set Low Priority 300  Set Deadline Frequency 600	

Figure 25